

IN THE CLAIMS:

Please **CANCEL** claims 1-24, 30, 38, 46-47, 50-55, 57, 60, and 64-65 without prejudice or disclaimer.

Please **AMEND** claims 25-27, 32-35, 40-45, and 48-49 and as shown below.

1-24. (Cancelled)

25. (Currently Amended) An access node for a wireless communication network, comprising:

~~detecting~~ a determining device configured to ~~detect~~ determine and transmit communication information to a subscriber terminal, said communication information comprising

frequency band information indicating a plurality of frequency bands at
~~least one frequency band~~ where at least one access node is capable to communicate, and

a frequency band coverage indicator related to at least one frequency band of neighboring access nodes of the access node in the wireless communication network,

wherein said ~~detecting~~ determining device is further configured to incorporate the communication information in a signaling using a transmission of specific frames to said subscriber terminal.

26. (Currently Amended) The access node according to claim 25, wherein said wireless communication network is a wireless local area network~~WLAN~~, based on an IEEE 802.11 standard.

27. (Currently Amended) The access node according to claim 26, wherein said ~~at least one frequency bands comprises~~ comprise a frequency band of 2.4 GHz and one or more frequency bands between 5 and 6 GHz.

28. (Previously Presented) The access node according to claim 25, wherein said communication information further comprises a multiple band indicator related to an access node.

29. (Previously Presented) The access node according to claim 25, wherein said communication information further comprises a traffic load indicator related to the at least one frequency band of an access node.

30. (Cancelled)

31. (Previously Presented) The access node according to claim 25, wherein said communication information further comprises a frequency channel indicator for

indicating the frequency channel used by the access node at the respective frequency band.

32. (Currently Amended) A subscriber terminal for communicating in a wireless communication network, comprising:

a receiving ~~device~~portion configured to receive communication information transmitted from at least one access node, said communication information comprising

frequency band information indicating ~~at least one~~a plurality of frequency bands where the at least one access node is capable to communicate, and

a frequency band coverage indicator related to at least one frequency band of neighboring access nodes of the transmitting access node in the wireless communication network,

wherein said communication information is received ~~being transmitted~~ from said at least one access node ~~to said subscriber terminal by~~ signaling by ~~transmitting~~ transmission of specific frames;

a ~~processing device~~processor configured to process the received ~~transmitted~~ communication information and the frequency band coverage indicator so as to determine based on the communication information a communication connection capability of at least part of the at least one access node on the basis of the frequency band information; and

a decision ~~device~~portion configured to decide on a communication connection changeover of the subscriber terminal by using a processing result.

33. (Currently Amended) The subscriber terminal according to claim 32, wherein said wireless communication network is a ~~WLAN~~ wireless local area network, based on an IEEE 802.11 standard.

34. (Currently Amended) The subscriber terminal according to claim 33, wherein said ~~at least one frequency bands~~ comprises ~~comprise~~ a frequency band of 2.4 GHz and one or more frequency bands between 5 and 6 GHz.

35. (Currently Amended) The subscriber terminal according to claim 32, wherein said receiving ~~device~~portion is further configured to extract the communication information from a beacon packet broadcasted from the access node.

36. (Previously Presented) The subscriber terminal according to claim 32, wherein said communication information further comprises a multiple band indicator related to at least part of the at least one access node.

37. (Previously Presented) The subscriber terminal according to claim 32, wherein said communication information further comprises a traffic load indicator related

to the at least one frequency band of at least part of the at least one transmitting access node.

38. (Cancelled)

39. (Previously Presented) The subscriber terminal according to claim 32, wherein said communication information further comprises a frequency channel indicator for indicating the frequency channel used by the access node at the respective frequency band.

40. (Currently Amended) The subscriber terminal according to claim 32, further comprising:

a detecting device configured to detect a signal strength indicator on a predetermined frequency band,[[;]]

wherein said ~~processing device~~ processor is further configured to compare the detected signal strength indicator with a predefined threshold value, the result of the comparison indicating an estimation of the connection capability of an access node on another frequency band, and said decision device are configured to use the result of said comparison.

41. (Currently Amended) The subscriber terminal according to claim 32, wherein the decision ~~device~~portion is further configured to decide to change the communication connection from the present frequency band to another frequency band which is common to the subscriber terminal and the access node associated with the subscriber terminal.

42. (Currently Amended) The subscriber terminal according to claim 32, wherein the decision ~~device~~portion is further configured to decide to change the communication connection from a current access node to a specific frequency band of a neighboring access node which is common to the subscriber terminal and a neighboring access node to be associated with the subscriber terminal.

43. (Currently Amended) The subscriber terminal according to claim 32, wherein the ~~processing device~~processor is further configured to process communication information transmitted from two or more access nodes in the wireless communication network.

44. (Currently Amended) A computer program embodied on a computer readable medium, that when executed by a processor, is configured to control a method comprising:

~~detecting~~determining and transmitting communication information to a subscriber terminal, said communication information comprising

frequency band information indicating ~~at least one~~ a plurality of frequency bands where at least one ~~an~~ access node is capable to communicate, and
a frequency band coverage indicator related to at least one frequency band of neighboring access nodes of the access node in the wireless communication network;
the computer program being further configured to control a method comprising:
incorporating the communication information in a signaling using a transmission of specific frames to said subscriber terminal.

45. (Currently Amended) A computer program embodied on a computer readable medium, that when executed by a processor, is configured to control a method comprising:

receiving communication information transmitted from at least one access node, said communication information comprising

frequency band information indicating ~~at least one~~ a plurality of frequency bands where the at least one access node is capable to communicate, and
a frequency band coverage indicator related to at least one frequency band of neighboring access nodes of the transmitting access node in the wireless communication network,

wherein said communication information is received ~~being transmitted~~ from at least one access node to a subscriber terminal by signaling by ~~transmitting transmission~~ of specific frames;

the computer program being further configured to control a method comprising:

processing the ~~transmitted~~ received communication information to determine in the subscriber terminal, based on the communication information, a communication connection capability of at least part of the at least one access node on the basis of the frequency band information and the frequency band coverage indicator; and

deciding in the subscriber terminal on a communication connection changeover of the subscriber terminal by using a result of the processing.

46-47. (Cancelled)

48. (Currently Amended) A method usable in an access node entity for a decision procedure on performing a communication connection changeover of a subscriber terminal, comprising:

~~detecting~~ determining communication information from at least one access node, said communication information comprising

frequency band information indicating ~~at least one~~ a plurality of frequency bands where said at least one access node is capable to communicate; and

a frequency band coverage indicator related to at least one frequency band of neighboring access nodes of the access node in the wireless communication network;

the method further comprising:

transmitting said communication information from said at least one access node to a subscriber terminal by signaling by transmitting specific frames.

49. (Currently Amended) A method usable in a subscriber terminal entity for a changeover decision procedure, said method comprising:

receiving communication information from at least one access node in a wireless communication network, said communication information comprising

frequency band information indicating ~~at least one~~ a plurality of frequency ~~band~~ bands where said at least one access node is configured ~~capable to~~ communicate, ~~by signaling by transmitting specific frames, and~~

a frequency band coverage indicator related to at least one frequency band of neighboring access nodes of the transmitting access node in the wireless communication network,

wherein said communication information is received by signaling by transmission of specific frames;

the method further comprising:

processing the ~~transmitted~~-received communication information and determining based on the communication information a communication connection capability of at least part of the at least one access node on the basis of the frequency band information and the frequency band coverage indicator; and

using a ~~the~~ processing result for a decision on a communication connection changeover of a subscriber terminal.

50–55. (Cancelled)

56. (Previously Presented) The access node according to claim 25, wherein the signaling comprises a transmission of one or more specific frames.

57. (Cancelled)

58. (Previously Presented) The access node according to claim 28, wherein the multiple band indicator indicates at least one frequency band.

59. (Previously Presented) The subscriber terminal according to claim 32, wherein the signaling comprises a transmission of one or more specific frames.

60. (Cancelled)

61. (Previously Presented) The subscriber terminal according to claim 36, wherein the multiple band indicator indicates at least one frequency band.

62-65. (Cancelled)